

Bala Mugunthan Ramesh

+44-7587647144 | London | balamugunthn@gmail.com | www.linkedin.com/in/balamuguthan |

Detail-oriented Accessibility Engineer with over 7 years of experience in digital accessibility development across 20+ projects. Designed and developed over 50+ accessibility compliant reusable components, ensuring compliance with WCAG 2.x standards. Collaborated with developers to resolve over 5,000+ accessible issues across different platforms enhancing user experiences. Authorized to work in the UK for 2 years.

TECHNICAL SKILLS

Languages: Python, JavaScript, JAVA

Technologies: React.JS, HTML, CSS, Angular, Kotlin, Git, Docker

Certification: JAWS, NVDA

EXPERIENCE

Accessibility Auditor

October 2022 - September 2023

Applause Limited, Hyderabad, India

- Utilized JavaScript, React.js, and Angular to develop accessible components, collaborating with developers mentoring accessible friendly coding to seamlessly interact with accessibility tools.
- Performed code and application audits based on WCAG standards (A, AA & AAA) for clients to identify accessibility violations, vulnerabilities and suggested code specific solutions and suggestions to resolve and avoid violations.
- Mentored junior accessibility engineers on auditing standards and development guidelines while collaborating with experienced professionals worldwide to create a comprehensive accessibility document, offering best practices and practical examples for consistent, high-quality audits and accessible design.
- Researched and spearheaded the initiative to conduct accessibility audits on smart devices, including smartwatches, successfully attracting new clients and increasing team revenue to over \$8 million.

Senior Test Engineer

March 2021 - September 2022

Happiest Minds, Bangalore, India

- Led the front-end development of accessible web application using React JS ensuring compliance with WCAG 2.x A, AA, and AAA standards. Collaborated closely with clients to gather requirements and effectively integrated accessibility features into application, resulting in a 10% increase in the new customer base and retaining major clients such as Microsoft.
- Developed and executed comprehensive test suites leveraging tools like NVDA, Narrator, VoiceOver, JAWS, AXE, and Accessibility Insights, ensuring the accessibility of digital products across multiple platforms, including PDF files.
- Introduced unit-level accessibility audits for developers, boosting time efficiency, timely deployment and enhancing accessibility knowledge throughout the team.
- Researched and identified new accessibility features, presented their benefits to stakeholders, and integrated them into sprint planning for seamless inclusion in regular sprint deployments.

Software Engineer

August 2016 - September 2020

Tech Mahindra, Bangalore, India

- Reported and analyzed over 4,000 accessibility issues across AT&T's digital products, spanning various platforms including mobile, Computer, tablets, web, and native applications.
- Collaborated with developers during the migration from static pages to responsive web design, analyzing potential accessibility violations and vulnerabilities while designing new components.
- Led the accessibility initiative for the chat feature across all AT&T digital products, incorporating new enhancements to ensure compliance and usability.
- Acted as a liaison between accessibility standards and stakeholders, testers, and developers, ensuring a clear understanding of the requirements and their importance.

EDUCATION

University of Bath

MSc in Computer Science

Bath, United Kingdom

Sep. 2023 – Sep. 2024